

**ATTACHMENT 1**  
**COLORADO RIVER MANAGEMENT PLAN**  
**2007 COMMERCIAL OPERATING REQUIREMENTS**

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## I. WATERCRAFT AND CAPACITIES

### A. Types of Watercraft

The types of watercraft listed below are acceptable. The Concessioner must submit a list of the watercraft it proposes to use for approval to Grand Canyon National Park (Park). While most current designs have offered a reasonable degree of safety, additional improvements that afford increased safety and comfort for clients and crew are strongly recommended. The Service shall approve changes of watercraft types or capacities.

### B. Capacities

Passenger capacities have been established for each watercraft operated. Capacities are for the total number of persons on a boat, crew included, and may not be exceeded except at the discretion of the Service for purposes of inspections or in emergencies. New boat types may be considered by the Service on a case-by-case basis.

(The following list shall be replaced by a Concessioner-specific list after Contract award.)

<b>Boat Type</b>	<b>Capacity</b>
10-Man Paddle Raft – 16 ft	7
Avon – Paddle – 18 ft	9
Avon – Paddle – 16 ft	6
Avon Adventure – Paddle – 14 ft	7
Avon Pro – Paddle – 15 ft	7
Avon Spirit – 18 ft	6
Avon Super Pro – 18 ft	7
Canyon Inflatable – 17 ft, 18 ft	6
C-Craft – 37 ft	23
Colorado Headwaters – 18 ft	6
Demaree – 18 ft	6
Demaree – Paddle – 18 ft	9
DIB – Chubasco – 22 ft	8
Domar Zambezi – 18 ft	6
Dory – 18 ft	6
Havasu – 17 ft	6
J-Rig – 32 ft	18
J-Rig – 37 ft	23
Maravia – 18 ft	6
NRS – 18 ft	6
Rogue River – 18 ft	6
Snout – 22 ft	8
Sotar – Oar – 18 ft	6
Sotar – Paddle – 14 ft, 16 ft	7
Sotar – Paddle – 14 ft, 16 ft, 18 ft	7
Sotar – Paddle – 18 ft	9

Sotar – Paddle – 18 ft	9
Sotar II – 18 ft	6
Sotar Paddle – 14 ft, 16 ft	7
S-Rig – 33 ft, 35 ft, 37 ft	18
S-Rig – 39 ft	18
Wing – 18 ft	6
Wing – Self-bailing – 18 ft	6

### **C. Individual Watercraft**

The use of individual watercraft by clients, such as inflatable or hard shell kayaks, may be allowed by the Service separately from the above list. The Concessioner shall list these types of crafts if they intend to use them. The Concessioner does not need to list such craft if the clients are bringing their own craft (kayak support trips).

If the Concessioner intends to provide or allow their clients to use alternative craft, such as boogie or rescue boards, a request must be made to the Service at least three weeks in advance.

Motorized personal watercraft are prohibited under all circumstances.

Crewmembers on commercial river trips may not use inflatable or hard-shell kayaks and other individual watercraft unless the Service approves them at least three weeks in advance. The Service may require additional crew for kayak safety, specifying the ratio of passengers in kayaks or canoes to safety boaters. Safety boaters must be certified Grand Canyon river guides.

### **D. Registration**

All motorized watercraft operating on the Colorado River within the Area must be registered, must carry on board at all times a valid registration card, and must properly display registration numbers and decals, in accordance with the Arizona Boating and Water Sports Law (AGF, Article 5, R5-321 and R5-322).

### **E. Name and Logo**

The Concessioner's name and logo must be displayed on watercraft in block lettering no less than six inches in height to aid in aerial observation/identification during emergencies. This applies to rafts and dories only and not to inflatable or hard shell kayaks.

### **F. Best Management Practices**

1. When using motors the Concessioner shall use Best Management Practices (BMPs). Currently that means the Concessioner must use four stroke engines. The Concessioner is encouraged to experiment with new technology as it becomes available. Requests for such experimental use shall be made through the Service.

Best Management Practices are policies and practices that apply the most current and advanced means and technologies available to the Concessioner to undertake

and maintain a superior level of environmental performance reasonable in light of the circumstances of the operations conducted under the Contract. BMPs are expected to change from time to time as technology evolves with a goal of sustainability of the Concessioner's operations. Sustainability of operations refers to operations that have a restorative or net positive impact on the environment.

2. No vessel will be propelled by a motor in excess of 55 horsepower.
3. The Concessioner is encouraged to use Best Management Practices in all other aspects of its operation.

## **II. EMERGENCY EQUIPMENT AND PROCEDURES**

### **A. Personal Flotation Devices (PFDs)**

1. Each passenger and guide must wear a PFD at all times while on the Colorado River above Separation Rapid. Below Separation Rapid, children must wear PFDs as required by Arizona State Law.
2. The Concessioner must ensure that each passenger's PFD has an identifying mark, is fitted for that particular passenger, and worn only by that passenger for the entire trip. Boatmen and crew may use U.S. Coast Guard-approved Type I, Type III, or Type V PFDs. The trip leader must inspect each PFD for compliance with U.S. Coast Guard standards. Clients on kayak support trips may wear Type III PFDs while kayaking. Refer to Supplement G, "Superintendent's Compendium and Applicable Code of Federal Regulations" for requirements for PFDs.
3. A Type IV throwable device is required for each vessel greater than 16 feet long, per U.S. Coast Guard requirements. A standard throw rope is recommended for all rafts and dories.

### **B. Navigation Light**

Rafts and boats operating at night must comply with U.S. Coast Guard navigation light requirements.

### **C. Incident Response**

When incidents involving stranded boats and/or passengers occur, the priority is life-safety first, environmental concerns second, and property salvage third. The Service shall coordinate such activities with the Concessioner in determining the minimum level of response by both the Service and the Concessioner to achieve these goals. The Concessioner is responsible for the cost of such incidents.

### **D. First Aid**

Each trip must carry a major first aid kit with items highly recommended for inclusion in the first aid kit listed in Supplement D, "Suggested First Aid Items." A smaller first aid kit must be on each additional boat. See Supplement D, "Suggested First Aid Items" for additional information.

### **E. Communications and Signaling**

Emergency signaling equipment must include a signal mirror of the U.S. Air Force type, a set of orange signal panels, three feet by eight feet, and a satellite telephone. A ground-to-air radio is also recommended. Initial satellite telephone requests for emergency evacuations shall be placed through Park Dispatch at (928) 638-7911 prior to contacting the Concessioner's office.

#### **F. Emergency Equipment**

1. Each oar-powered raft must carry one extra set of oars. Two extra paddles are acceptable for inflatable paddle craft. A spare paddle must be carried for every four kayaks and whitewater canoes, and may be carried on the support boat or on individual boats.
2. One extra motor must be carried for each motorized raft used. Also to be carried are spare parts of the types most commonly found to break and need replacement under river-running conditions, such as propellers, water pumps, and shafts.
3. When inflatable rafts or pontoons are used, each river trip must carry two operable air pumps (one primary and one backup).
4. Every river trip must carry a boat patching and repair kit.
5. Each trip must carry one or more accurate maps or guides of the Colorado River in Grand Canyon National Park.
6. Each trip must carry a copy of the Commercial Operating Requirements.
7. Each trip must carry cleanup equipment capable of cleaning up and containerizing three gallons of gasoline.

#### **G. Incident Reports**

1. The Concessioner must report to the Service:
  - a. All incidents resulting in evacuation from the canyon.
  - b. Personal injury requiring more than first aid.
  - c. The death or disappearance of any trip participant.
  - d. Property damage greater than \$500.
  - e. Assistance provided to other Concessioners or private individuals involving any of those same situations.
2. A completed River Trip Incident Report Form shall be given to the Park Ranger at the time of evacuation, or to the Phantom Ranch or Meadview Ranger, or mailed to the River District Office within 48 hours of trip completion (the equipment pull date, when crew and equipment take off the water).

3. A copy of the River Trip Incident Report Form must be carried on each trip. The form is available through the Permits Office or the Concessioner may make and use duplicates of Supplement I, "River Trip Incident Form."
4. The Concessioner must fax or telephone notification of any evacuation for a serious injury or an injury requiring hospitalization that is completed by another agency to the River District Office within 24 hours of the incident.
5. The Service reports all incidents occurring "on the water" to Arizona Game and Fish. Arizona Game and Fish may contact the Concessioner for additional details.
6. The Concessioner must also immediately report to the Park Dispatch at (928) 638-7805 the following incidents:
  - a. Any fires.
  - b. Any motor vehicle accidents.
  - c. Any incident that affects Area resources.
  - d. Any known or suspected violations of the law.
7. Hazardous or Non-hazardous Substance Spills. Report spills of hazardous or non-hazardous substances immediately to Park Dispatch and the Park Chief of Maintenance. Refer to the Contract, Addendum 1. General Provisions, Section 4. Environmental Data, Reports, Notifications, and Approvals for additional information. Information must include the location spilled and the approximate amount spilled.

## **H. Gastrointestinal Illness Reports**

1. Human Illness Reporting. The Concessioner must report promptly to Park Dispatch information on all human communicable illnesses, whether employees or clients. The U.S. Public Health Service Consultant may investigate this information, along with other information received, to help identify outbreaks of illness associated with contaminated water or food sources, or caused by other adverse environmental conditions. The Concessioner may make initial reports by telephone.
2. The Concessioner must report any gastrointestinal illnesses which occur on the river during a river trip or following a river trip. (See Supplement J, "River Trip Gastrointestinal Illness Reporting Instructions" and Supplement K, "Confidential River Trip Gastrointestinal Illness Report Form"). The trip leader must complete the Confidential River Trip Gastrointestinal Illness Report Form for each person (client and/or crewmember) who becomes ill at the time of onset of illness. The Concessioner must ask those who report a gastrointestinal illness following a river trip to complete a Confidential River Trip Gastrointestinal Illness Report Form. Instructions and forms must be carried on all trips, and may be duplicated as needed from this document.



**I. Aircraft Operations (Other than Authorized Client Exchanges)**

1. See Supplement C, “Helicopter Evacuations” for evacuation procedures and a checklist for preparing for a helicopter evacuation.
2. Helicopter evacuations are available only for medical emergencies. Only the Service shall make such arrangements.
3. Use of aircraft in and over the Area is limited to official flights needed to support and carry out emergency operations or essential management activities in cases where there are no practical alternatives or when alternative methods would be unreasonable considering such factors as safety, effects on resources, and visitor enjoyment. Only the Service may arrange or coordinate such flight use. The Concessioner shall be responsible for all aircraft costs, but may bill its clients for such costs in medical/injury-related situations.

**III. TRIP LEADER AND GUIDE REQUIREMENTS****A. Trip Leader and Guide Requirements**

1. Although the Service continues to require certain minimum experience levels and first aid and food handler’s certifications for trip leaders and guides, beginning in 2007 the Service no longer certifies river guides or issue guide cards. The Concessioner is solely responsible for ensuring that all its trip leaders and guides meet the minimum requirements established by the Service. The Concessioner must maintain on file in its office a resume of each of its guides and copies of the guide’s current first aid card and food handler’s certification. The resume must include, at a minimum, the guide’s name, birth date, address, telephone number, and a list or description of the guide’s river-running or river-guiding experience. The Concessioner also must maintain this information in the River Guide License Database on the Online Launch Calendar (OLC).
2. The Concessioner must ensure that trip leaders and guides are appropriately qualified and certified in accordance with the Service requirements prior to departing the Concessioner’s warehouse. This includes ensuring that the certification information is up to date in the River Guide License Database function of the OLC, and that the guides are in physical possession of a card indicating the level of emergency medical training, CPR, and current food handler’s certification. Photocopies of these cards are acceptable.

**B. Guides**

1. A guide must:
  - a. Be at least 18 years old.
  - b. Have completed at least six trips through Grand Canyon National Park on the Colorado River as a boat operator or as an apprentice under a qualified guide where actual boat operation and control were observed by another guide, at

- least three of which must have been in the type of craft to be operated with clients.
- c. Possess working knowledge of all environmental protection equipment and sanitation procedures for river trips in the Area.
  - d. Possess knowledge of the state of Arizona, U.S. Coast Guard, and National Park Service regulations applicable to boats carrying clients for hire, including the rules of navigation (channel markers, rights of way, types of buoys, etc.).
  - e. Possess knowledge of federal regulations protecting natural and cultural resources from human impact.
  - f. Be certified in Wilderness Advanced First Aid (WAFA) through a program sponsored in the United States. Higher emergency medical certifications obtained in the United States above WAFA shall also qualify (EMT, WEMT, and Emergency Medical Doctor).
  - g. Possess current Cardiopulmonary Resuscitation (CPR) Certification.
  - h. Possess current food handler's certificate from a recognized entity that holds training classes and issues certificates.
2. A guide must possess the following skills, as verified by the Concessioner.
- a. Ability to safely navigate the river.
  - b. Ability to operate the emergency communications equipment carried by the Concessioner and knows evacuation procedures.
  - c. Knowledge of American Indian perspectives on Grand Canyon resources, Grand Canyon natural and human history, points of interest encountered, and the ability and willingness to impart this knowledge to clients.
  - d. Working knowledge of the safety aspects and equipment repair procedures for each type of craft operated.

### **C. Trip Leaders**

1. A trip leader is a person whose character, personality, and capabilities qualify him/her as a responsible leader and shall be in charge of each river trip.
2. In addition to meeting the guide qualifications specified above, the trip leader must:
  - a. Have completed at least 10 trips through Grand Canyon National Park on the Colorado River as a guide, in addition to the six trips required to achieve trip leader status.

- b. Be knowledgeable and capable of giving orientation talks to all clients throughout the trip as verified by the Concessioner. This required orientation must cover personal life preservers, boating safety, swimming, hiking safety, drinking water, sanitation, and cultural and natural history of the Grand Canyon.
- c. Be certified as a Wilderness First Responder (WFR) through a program sponsored in the United States. Higher emergency medical certifications obtained in the United States above WFR shall also qualify (EMT, WEMT, and Emergency Medical Doctor).
- d. Have current Cardiopulmonary Resuscitation (CPR) Certification.
- e. Have a current food handler's certificate from a recognized entity that holds training classes and issues certificates. These certificates are valid for three years.

**D. Use of Alcohol and Controlled Substances by Employees While Engaged in River Trips**

1. The Concessioner must maintain, to the greatest extent possible, a drug-free workplace. The Concessioner must conduct educational programs for its employees to deter substance abuse and alcohol abuse. Those employees who are in safety-sensitive positions such as, but not limited to, boatmen and vehicle operators must be required to participate in periodic drug testing. The Service will not dictate a program that shall be used. The Concessioner must structure a drug-testing program for their employees that ensures, to the greatest degree possible, that a drug-free workplace is maintained. The Concessioner must submit a report summarizing drug-testing activity for the year to the Service by April 1.
2. The Concessioner is responsible for the safety and well being of its clients at all times. The use of alcoholic beverages by concession staff while actively engaged, or within four hours of when it can be expected they will be engaged, in on-river operations, is not permitted. Staff must not be under the influence of alcohol at any time while conducting on-river activities. All other staff and client use of alcoholic beverages during the course of a river trip, including land-based activities and the operation of highway motor vehicles, must be managed by the Concessioner to, at all times, ensure the safety and well being of staff and clients. "Under the influence" means a blood/alcohol content of 0.04 or greater.
3. The Hualapai Tribal Council adopted laws (Section 6.21A and 6.34A) regarding public intoxication and open containers on Hualapai Tribal lands effective December 16, 1994 (refer to Section V. concerning Hualapai Tribal lands). For additional information, inquire at (928) 729-2216, extension 316.

**E. Alcohol Use by Clients.**

The Concessioner must not sell, serve or furnish any alcoholic beverages to its clients. The Concessioner may permit clients to bring their own alcohol for personal consumption.

#### IV. ENVIRONMENTAL PROTECTION AND SANITATION

##### A. Flow Fluctuation Zone

The daily fluctuation of the Colorado River creates an area of wet sand referred to as the flow fluctuation zone. This area is inundated on a regular basis with the fluctuating flows of the river. Trips must conduct activities that may have impacts, such as smashing cans, washing dishes, and using soap, below the high water line whenever possible. When such activities occur above the flow fluctuation zone, the Concessioner must take extra care to protect the dry sand of this fragile area.

1. Solid Waste. Solid waste, which may be commonly referred to as rubbish, refuse, trash, litter, or garbage, may not be discarded in the water or along the shore of the river, in side canyons, on trails, along escape routes, or in any other portions of the canyon.
  - a. The trip leader must ensure that all trip members properly dispose of solid waste.
  - b. The Concessioner must carry out all solid waste.
  - c. The Concessioner must not make deposits of solid waste at Phantom Ranch, Diamond Creek, Pearce Ferry, South Cove, or Temple Bar.
  - d. Solid waste may not be ground or pulverized in the river by outboard motors or other means.
  - e. Activities such as crushing food and beverage cans must be done so as to leave the beach free of liquids, food, and paper.
  - f. Liquids must be strained through a fine mesh screen into the river and solids then placed in garbage bags.
  - g. Placement of tarps is required under food preparation tables and serving tables to leave the beach free of food scraps.
2. Soap. The use of soap is restricted to the main stream of the Colorado River only. Soap must not be used in side streams or within 100 yards of the confluence of any side stream and the main river. Solar showers may be used only in the water or directly adjacent to the water on wet sand along the main stream of the Colorado River.
3. Dishwashing. The dishwashing setup shall be placed in the wet sand below the high water mark whenever possible, or the dishwashing setup must have a tarp placed below it in order to leave the beach free of soap and food spillage.

**B. Portable Toilets**

1. Each boat party must carry a washable/reusable toilet system that must be used for containing and removing solid human waste from the canyon.
2. The toilet system must provide for secure containment and adequate volume storage. Human waste must be deposited directly into the washable reusable container; no disposable liners of any sort are permitted. The container must be of value so that it shall not be improperly discarded; therefore, the use of plastic buckets, paint pails, etc., is prohibited.
3. A toilet must be accessible during the day.
4. Upon arrival at camp, the Concessioner must set up toilet facilities in an area affording reasonable privacy. Two toilets must be provided for groups (including crew) larger than 26.
5. The toilet must remain set up until the party breaks camp.
6. Toilet paper must be deposited with human waste. Hygiene products must not be deposited with human waste; it must be disposed of with other solid waste.
7. The washable/reusable “day-use” toilet may be used as a second facility provided it is available at a convenient on-shore location, such as near the hand-wash containers.
8. Urination must occur directly in the river or in the toilet. While in camp, “pee buckets” may be set up next to toilet system. Pee buckets must be labeled and only used for urination, not as hauling or bailing buckets. Pee buckets must be emptied directly into the river and thoroughly sprayed with disinfectant following use. Pee buckets must be stacked only with the dirty hand wash buckets or be kept separate.
9. The Concessioner must encourage clients to use toilet facilities prior to off-river hikes. During off-river hikes, all party members must go “high and far” (100 feet from trails, campsites, and water sources) to urinate and defecate to avoid the buildup of urine and feces. This is consistent with the Backcountry Management Plan. The Service encourages the Concessioner to provide a means for its clients to carry out human solid waste and toilet paper during off-river hikes.

**C. Human Waste Removal**

1. National Park Service guidelines and procedures are subject to change as regulations for handling of solid human and other waste continue to evolve. The Concessioner is required to comply with such changes as they are promulgated.
2. The Concessioner may utilize the human waste disposal facilities (SCAT Machine) at Meadview. See Supplement F, “Meadview SCAT Machine” for additional information about human waste disposal.

**D. Fires**

1. All fire pans and blaster stoves must be elevated above the sand.
2. Gas stoves (propane and white gas) with sufficient fuel for cooking are required on all trips. All fires (wood or charcoal) must be contained in a raised fire pan that is a minimum of 300 square inches with a 3-inch-high lip around the edge. Charcoal briquettes may be contained in fire pans 12 inches by 12 inches with a 3-inch-high lip around the edge. All fire pans and blaster stoves must be elevated above the sand.
3. Wood fires may be used for warmth or aesthetics but not for cooking. Driftwood may be gathered for fires from October 1 through April 30. Cutting or gathering of wood from standing or fallen trees, dead or alive, is prohibited. This includes introduced species such as tamarisk.
4. Open fires are prohibited away from beach areas. Gas stoves are required for overnight trips away from the river when cooking is planned.

#### **E. Public Health**

The Concessioner must comply with the Food and Drug Administration's 1993 Food Code and National Park Service-83, Public Health Management Guideline, as they now exist or as they may be amended from time to time, as the minimum standards for public health in all river operations.

#### **F. Drinking Water**

Potable water for all backcountry operations must be 1) hauled from a public water system, 2) or boiled, 3) or filtered and disinfected.

#### **G. Hand Washing**

Using untreated river water, even with soap, is not a sanitary practice. The Concessioner should use treated water for hand washing. If hands are washed with untreated river water, this must be followed with the use of a hand sanitizer.

Hand wash facilities must be available and in use in the kitchen and/or toilet areas. All persons who prepare food must wash their hands prior to handling food or food preparation equipment, and each time after they handle raw meat, poultry or other potentially hazardous food. All persons must wash their hands after handling or packing the toilet.

Use of potable water and liquid soap in a dispenser is highly recommended. If potable water is used, along with liquid soap, there is no requirement to add chlorine bleach or use a gel sanitizer.

If non-potable water is used, the hand wash bucket must contain at least 100 ppm of chlorine bleach. One ounce of bleach in 4 gallons of water gives at least 100 ppm.

Dry hands on clean, individual paper towels or air dry hands. The use of bar soap and drying hands on cloth towels is prohibited. Employees not involved in use of kitchen

or toilet equipment may use prepackaged moist antibacterial disposable towelettes to wash their hands, but hand washing using fresh, clean water and soap is preferable.

Refer to reference chart below.

### **Guidelines for Hand Washing**

<b>Water Source</b>	<b>Percent Chlorine</b>	<b>Amount of Chlorine Bleach per Gallon of Water</b>	<b>Use of Hand Gel</b>	<b>Soap</b>
Potable water	None needed	N/A	Not required	Must use soap. Liquid soap preferable.
River water or other non-potable water	100 ppm chlorine, if hand wash station (i.e., bucket) is set up	1 oz of bleach per 4 gallons of water	Mandatory if hand wash station with chlorinated water not set up.	Must use soap. Liquid soap preferable.

## **H. Food and Beverage Operations**

The Concessioner will demonstrate its commitment to visitor safety by planning for safe food storage, handling and preparation. The Concessioner must document its compliance with public health standard operating procedures, processes, personnel responsibilities, and training in a formal food safety management plan or incorporated into existing business/operating plans.

## **I. Trails**

Guides must stress to their clients the need to stay on established trails. A guide or trip leader familiar with the trail must lead all group hikes. Multiple trailing, with its consequent impacts on vegetation and soils, creates damage at attraction sites and along backcountry trails, and must be avoided.

## **J. Campsite Impacts**

Guides must select campsites suitable to group size. All trips must avoid impacts above the sandy, post-dam riparian zone at camping areas. Desert and old pre-dam riparian plant communities are particularly susceptible to damage and erosion due to trampling. Guides must stress the necessity of conducting camp activities in the more resistant post-dam sandbar areas. Guides must instruct clients not to blaze new hiking routes or sleeping areas in the fragile desert zones.

## **K. Archaeological Sites**

Archaeological sites along the river and in tributary canyons can be damaged by people walking on fragile cultural deposits, by piling artifacts into collection piles, stealing artifacts, digging in ruins, rearranging wall fall or building up walls, and from other activities such as graffiti and vandalism. These activities are prohibited and punishable under federal laws. Guides must inform their clients about the federal laws prohibiting disturbance of archaeological remains on federal lands. The Concessioner must comply with the Grand Canyon National Park Cultural Site Information Standard Operating Procedures.

#### **L. Hazardous Substance Spills**

The Concessioner must clean up any incidental hazardous substance spills (including fuel spills of less than 3 gallons). The Concessioner is not expected to clean up nonincidental spills (more than three gallons of fuel) .

### **V. RESTRICTED AREAS**

Areas along the Colorado River closed to either camping or visitation by order of the Code of Federal Regulations (36 C.F.R. 7.4) or Superintendent's Compendium (36 C.F.R. 1.5 (a)) are listed in Supplement G. and may change seasonally or annually. Trip leaders should verify seasonal closures, such as those required to protect endangered species, with the Lees Ferry Ranger or Permits Office.

The Service recommends that camps in the entire corridor from Hance Rapid to Phantom Ranch be utilized only by trips with client exchanges.

Mile 87 Camp (Cremation) is reserved for river trips requiring exchanges at Phantom Ranch. The capacity of the camp is two parties.

Other restrictions and/or closures shall be posted on the bulletin board at Lees Ferry.

#### **A. Nankoweap Special Use Area**

For information about the Nankoweap Special Use Area, see Supplement B, "Nankoweap Special Use Area."

### **VI. CURRENT USER-DAY BASE ALLOCATIONS PER CONCESSIONER**

#### **A. User-Day Allocations**

The Service administers user-day allocations. These allocations may be adjusted by the Service as a result of the assessment of penalties, the sale of a company, resource protection considerations, or reallocations made for the purpose of providing greater noncommercial access. Concessioners may not transfer user-days among themselves without the prior written approval of the Service.

In addition, total motorized use among all Concessioners must not exceed 76,913 user-days in the calendar year.



Concession Contract	Annual Allocations
CC-GRCA006-07	10,368
CC-GRCA007-07	11,099
CC-GRCA010-07	4,403
CC-GRCA011-07	2,848
CC-GRCA015-07	1,3967
CC-GRCA016-07	2,960
CC-GRCA017-07	7,203
CC-GRCA018-07	11,027
CC-GRCA020-07	3,693
CC-GRCA021-07	7,355
CC-GRCA022-07	4,821
CC-GRCA024-07	9,546
CC-GRCA025-07	4,823
CC-GRCA026-07	14,001
CC-GRCA028-07	4,063
CC-GRCA029-07	3,323
<b>All Concessioners Total</b>	<b>115,500</b>

## B. User-Day Allocations and Launch Schedules

The maximum total user-days used among all Concessioners must remain at or below 92,400 for the “summer season” (May 1 through August 31) (80% of the full year total), and a maximum of 67,329 of these summer user-days may be used for motorized trips. In addition, total motorized use among all Concessioners must not exceed 76,913 user-days in any calendar year. Individual trip lengths and the overall launch schedule must be set to levels that ensure the overall Concessioners’ limits on Trips At One Time (TAOT) are never exceeded.

The Concessioner shall have their launch schedules and motorized and seasonal allocations set in one of the following ways:

1. Consensus among Concessioners. Should a jointly proposed launch schedule (including the specific distribution by season of motorized and total user-days) which satisfies the Service and meets all of the above requirements be agreed upon by all Concessioners and submitted to the Service before the start of the season, the Service may choose to use the specifics of that proposal as the defining limits for each Concessioner for that year.
2. Should There Be No Consensus. If the combined body of Concessioners fails to submit a joint proposal which meets the satisfaction of the Service, one of the

following two methods shall be chosen by the Service and used to define the specific allocations for each Concessioner for that calendar year:

- a. The Service can choose the same (or slightly adjusted) launch schedule and seasonal distribution of motorized and non-motorized user-days agreed upon and used by the Concessioners in the previous year.
  - b. The Service can choose to set motorized and non-motorized seasonal allocations as follows. Summer seasonal allocations for each Concessioner can be based on dividing the total summer allocation by each Concessioner's previous percentage of the old primary season total commercial allocation. Shoulder season allocations would then be set by subtracting each Concessioner's summer allocation from their annual allocation. Maximum allocations for motorized use for each Concessioner would be set based on that Concessioner's historic share of motorized use in the 2001 through 2005 calendar years for the same time periods.
3. Once motorized and seasonal allocations are set and a specific launch schedule is established which lists each Concessioner trips and lengths for each trip, it may not be changed except in ways that do not result in Trips At One Time (TAOT) limits being exceeded.

#### **C. Within Season Adjustments to Motorized and Seasonal Allocations**

After allocations, launches, and maximum trip lengths are set and commercial use begins for the year, the Service shall consider joint proposals from Concessioners that wish to exchange opposite season user-days (i.e. summer vs. spring and/or fall shoulder) among each other provided the maximum total user-days for all Concessioners remains at or below 92,400 for the summer and 115,500 for the calendar year.

#### **D. Exceeding Allocations**

The Concessioner must be held fully responsible for ensuring actual use does not exceed their motorized, seasonal, and annual allocations. The Concessioner is free; however, to make advance bookings at a slightly higher level that shall help the Concessioner compensate for last minute voluntary cancellations and potential no-shows. In any case, bookings for each individual trip may never exceed the passenger limits for that trip (group size limits minus needed crew for that trip).

If the Concessioner exceeds its allocation in actual user-days used, the Contract violation shall be reflected in the annual contract compliance evaluation and may result in a less-than-satisfactory rating. The entire amount exceeding the allocation may also be deducted from the Concessioner's allocation for the same season of the next year.

### **VII. ONLINE LAUNCH CALENDAR (OLC) AND LAUNCH LIMITATIONS**

The Online Launch Calendar (OLC) is proprietary software to which river Concessioners and the Service have access.

**A. Purpose**

The OLC is the official permitting mechanism and place by which the Concessioner and Service exchange requests and approvals. It is through and by which the Concessioner reports use statistics as well as entrance and franchise fee information. It must be updated as needed to help ensure all current regulatory requirements are met for maximum and minimum trip lengths, group sizes, daily Lees Ferry launch limits, maximum number of motor boats, deadhead travel time to Phantom Ranch, etc.

**B. Responsibility**

1. While the OLC is designed to assist in this effort, the Concessioner is responsible for ensuring its compliance with all rules. In addition, the Concessioner is responsible for ensuring its OLC trip records are kept as current and accurate as possible. All passenger and trip information must be complete and correctly entered into the OLC before the morning of the launch.
2. Required Information
  - a. Client information includes: Full legal name and date of birth.
  - b. Trip information includes: trip options, numbers of passengers (at Lees Ferry as well as at all exchange points), client exchange and take-out dates and locations, numbers and types of watercraft, and crew list.
3. In order to schedule a trip on the OLC more than 60 days in advance, the following trip types must have the indicated numbers of passengers.
  - a. One-boat motor trip                      8 passengers
  - b. Two boat motor trip                      20 passengers
  - c. Three-boat motor trip                      25 passengers
  - d. Non-motorized trip                      10 passengers

**C. Last Minute Corrections**

The Concessioner may make last minute corrections to the OLC trip record on the day of the launch. To accommodate last minute clients who join at an exchange point, the Concessioner may add clients to the OLC record on or before the day the clients join the trip as part of an exchange.

**D. Later Corrections**

On rare occasion the Concessioner may request a change to the OLC trip record after the above deadlines. Also, a last minute change could take place when the Concessioner's sole OLC official is on a weekend and away from work. To accommodate this specific and rare need, the Service authorizes trips with the

following types of permitting discrepancies to continue, provided the following requirements are met.

1. No-Shows, Early Exits, and Evacuations. Trips with OLC permitting discrepancies solely due to no-shows, clients unexpectedly choosing to leave trip early, and/or evacuations may proceed provided the Concessioner submits a post-launch trip record adjustment to the Permits Office via the OLC as soon as possible, but in no event by later than seven days from the equipment pull date of the trip.
2. Late Bookings. Clients unaccounted for on the OLC may be included on a trip provided:
  - a. The Concessioner sends a fax to the Permits Office (928) 638-7844 in advance, detailing the discrepancy and promising to correct it on the OLC.
  - b. Within seven days of the above fax, the Concessioner submits a post-launch trip record adjustment to the Permits Office via the OLC.

#### **E. Final Locking of OLC Trip Record**

The OLC trip record locks seven days after the equipment pull date of the trip. Inaccuracies and delinquent post-launch adjustment requests shall be documented as violations in the Contract Compliance portion of the Concessioner Annual Review Program for the Concessioner.

#### **F. Scheduling Departures**

The Concessioner must schedule departures on the OLC prior to selling trips to the public. The Concessioner shall not be allowed to schedule more than 105 percent of its seasonal allocation on the OLC.

#### **G. Requesting Exceptions**

The Concessioner must submit all requests for any exceptions in writing to the Permits Office through the OLC at least three weeks prior to the launch date. Note that all special requests through the OLC are simply requests until approved by the Service through the OLC.

#### **H. Guide Corrections**

If a guide cannot be entered into the Trip Form in the OLC due to the fact that his/her information is not up to date in the River Guide License Database, the Concessioner must:

1. Enter his/her name in the crew list in the Trip Form as an unlicensed guide.
2. Add a comment to the Trip Form explaining that the guide physically holds current licenses while listing any new expiration date(s).
3. Apprise the Lees Ferry Ranger of the situation at the time of launch.

4. Enter a post-launch adjustment request via the OLC (or contact the Permits Office for assistance) to rectify the situation as soon as possible, but in no event by later than seven days from the equipment pull date of the trip in question. All reasonable attempts; however, should be made to update the River Guide License Database beforehand.

### **I. Trip Sheet Verification**

River trips may be contacted at any time by Service staff and requested to provide a trip sheet of the passengers to verify the Concessioner's compliance with regulations and accurate reporting of passenger counts. During these contacts, Rangers may also query passengers as to Area passes and/or age.

### **J. Scheduling of Deadheads**

1. A deadhead trip is defined as a trip which launches from Lees Ferry with no clients. All deadhead trips count as launches. Should the Lees Ferry-to-Phantom Ranch segment of a scheduled trip cancel, the trip departure shall be listed on the OLC as a deadhead trip.
2. Deadhead trips must adhere to crew limitations and expedite travel to the client pick-up point. Motorized trips must arrive at Phantom Ranch within 48 hours after leaving Lees Ferry, and oar-powered trips must arrive at Phantom Ranch on the fourth day. These trips must not use the Cremation Camp. Deadhead trips to exchange points below Phantom Ranch are not permitted without prior approval from the Service. Any exceptions to these deadhead trip lengths are contingent upon water conditions. Deadhead trips must not stop at attraction sites, must utilize small, lesser-used camps, and not compete with commercial or noncommercial trips for campsites.

### **K. Charter Trips**

The Concessioner may provide charter trips for groups (such as organized groups, groups of friends, family groups, commercial businesses, and non-profit organizations). On charter trips, the group reserves all of the available spaces on the trip and no spaces are available to others. The group chartering the trip may not charge an additional fee to participants for the activity within the Area. The group may provide a special educational focus (such as photography, geology, human history) at no extra charge. Advertising of charter trips must state clearly that the authorized Concessioner is providing the river trip (including guides, equipment, food, etc.) within the Area.

### **L. Crew Requirements**

1. The maximum group size limit for each season (32 summer, 24 shoulder) includes crew (e.g. guides, trainees, swampers, baggage boatmen, etc.).
2. Each boat carrying clients for hire must have at least one qualified guide or trip leader on board. Motorized craft are allowed two assistants per boat in addition to the guide or trip leader.

3. Non-motorized trips are allowed two assistants in addition to the regular complement of guides necessary to directly operate the boats (i.e., one guide or trip leader per boat).
4. "Trainees" may be counted as regular crew provided they are 1) working in the capacity of an assistant on a motor rig as specified above or 2) operating a boat not carrying clients for hire. Such craft may have one additional assistant for safety and/or training purposes in addition to those specified above. The two assistants allowed in paragraph "3" above should act as safety/bailers, if needed, for trainee/baggage boats.
5. A participant must be essential to accomplishing the specific purpose of a given trip in order to be considered crew. This includes appropriate assistants necessary for special population members. Any participants other than those described above must be approved in advance by the Service, and such requests must be submitted with sufficient explanation (e.g., resumes of interpreters) via the Crew Waiver function in the Trip Form within the OLC at least three weeks prior to the launch date. Individuals may not be considered as or offered crew positions as commissions simply because they assist or organize trips such as charters or "theme" trips (music, art, photography, geology, hiking, etc.).
6. Trainees and swampers must not pay for the privilege of accompanying commercial river trips. The payment of money by any "employee-crew member" to the employer for the privilege of working negates the status of that employment and relegates the "paying employee-crew member" to the status of a commercial passenger. The use of "paying employee-crew members" not reported as commercial passengers represent a violation of contractual obligations to report all commercial use. Interpretive specialists and instructors required for the success of the trip are allowed as paid crew members and require prior approval as described above.

## **VIII. TRIP LIMITATIONS**

### **A. Trip Definition**

A trip is defined as a group of people traveling and camping together, with associated boats, boating equipment, and supplies, assigned to one scheduled launch, and occupying one beach or campsite per night. A trip may split for the purpose of a day loop hike; however, the trip must rejoin and camp together. Multiple-boat trips may not separate for any other reason, such as the purpose of obtaining particular campsites along the river corridor.

### **B. Trip Size**

The maximum number of people (passengers plus crew) per trip (traveling and/or camping together at any time) is 32 in the summer season and 24 in the shoulder seasons.

### **C. Allocations and Scheduling Limits**

1. Seasons. Commercial trips must not launch from November through March. Motorized trips may only launch between April 1 and September 15. The seasons are defines as follows:
  - a. “Summer Season” includes all launches occurring May 1 through August 31.
  - b. “Shoulder Season” includes all launches in both the following periods:
    - Spring Shoulder Use Period – April 1 through April 30.
    - Fall Shoulder Use Period – September 1 through October 31
  - c. “Winter Season” includes all launches occurring November – February.
2. Trips At One Time. The total number of all Concessioners’ Trips At One Time (TAOT) in the Lees Ferry to Diamond Creek section of the river may not exceed 37 on any night during April 1 through August 31 or 34 during September and October.
3. Daily Launches. All Concessioners’ trip launches must fit within the following pattern as authorized by the Service for that specific year. Motor-supported paddle, oar, and kayak trips may launch in the motor season only. However, because these trips travel at the rate of non-motorized trips, they must be counted as non-motorized launches within the launch schedule.

	Motorized Trips	Non-motorized Trips
<b>April 1-15</b>	1 every other day	1 each day
<b>April 16-30</b>	1 each day	1 each day
<b>May 1 - August 31</b>	3 each day	1 each day
<b>September 1-15</b>	2 each day plus 1 every other day	1 each day plus 1 every other day
<b>September 16-30</b>	0	1 each day plus 1 every fourth day
<b>October 1-31</b>	0	1 every other day

#### **D. Maximum Speed**

1. Trips shall average no more than 40 miles per day with clients on board and may not travel farther than 50 miles in any one day except in emergencies or when necessitated by water releases from Glen Canyon Dam create unforeseen travel requirements. The maximum trip speed applies from Lees Ferry to Diamond Creek.

2. No vessel shall be propelled by a motor rated in excess of 55 horsepower.

3. Maximum allowable trip lengths to Diamond Creek are as follows:

Launch Date	Motor Trip Length	Non-motorized Trip Length
Summer	10	16
Shoulder	12	18

#### **E. Motor-powered Boat Launching**

Motor-powered boats are prohibited from launching between September 16 and March 31, inclusive. During the remainder of the year, both oar- and motor-powered boats may launch.

### **IX. TRAINING TRIPS**

The Concessioner may conduct training trips for the purpose of training new boat operators or familiarizing boatmen with new types of equipment, interpretive methods, and operational requirements. The Concessioner must make training trip requests by October 15 the year previous to when the trip shall occur. The Concessioner must make requests to the River District Ranger and the Service reviews all requests through its administrative river trip process. Training trips are not allowed from Memorial Day to Labor Day. The Service may put a cap on the number of training trips it allows annually to minimize impacts and avoid conflict with other river users. If a cap becomes necessary the Service will establish a “rotating pool” to allow all Concessioners equal opportunity to conduct training trips. Training trips must adhere to the allowable seasonal trip size limits unless otherwise determined by the Service.

The Concessioner’s owner, manager, or a designated representative must accompany the trip. A list of trip participants and their positions with the Concessioner must accompany the request. These trips must be conducted for the benefit of Concessioner personnel only, not for relatives, friends, etc. The Service shall inspect training trips before departure at Lees Ferry. Such trips must meet all relevant conditions set forth in the Commercial Operating Requirements.

The Service may assign a work project, such as campsite cleanup or trail maintenance.

### **X. SUBCONCESSIONER OPERATIONS AND SUBLETTING OF USER-DAYS**

#### **A. Subconcessioner**

Subconcessioner operations of all or any part of the rights granted by the Concessioner’s Contract are not authorized. The Service reserves the right at all times, in its sole discretion and based on available information, to determine the



disposition of user-days and whether or not any operation constitutes a subconcessioner operation pursuant to the Contract.

### **B. Subletting of User-Days**

The Contract assigns annual user-day allocations to the Concessioner. These allocations may not be sublet, transferred, conveyed, or otherwise made available for the use of any other Concessioner or entity without the specific prior written approval and direction of the Service.

## **XI. OTHER CONDITIONS**

### **A. Diamond Creek Road and Launch Area**

1. The Hualapai Tribe charges a fee for each person, boat, and vehicle using the Diamond Creek Road. Permits are required in advance. For current information, contact the Hualapai Resort Corporation, P.O. Box 246, Peach Springs, Arizona 86434, (928) 769-2227 or (928) 769-2219.
  2. Due to low water levels and increased numbers of launches, congestion has increased at Diamond Creek. Communication and cooperation among all launch ramp users is essential. The Hualapai Tribe has requested that groups not de-rig at the launch ramp between 7:00 a.m. and 10:00 a.m.
- B. The Concessioner must carry a copy of the Commercial Operating Requirements on each trip.
- C. The trip leader must carry a passenger manifest trip sheet.
- D. The Service may delay or terminate trips at any point along the river corridor if conditions, as set forth above, are not met, or until noted deficiencies are corrected.

## **XII. LEES FERRY LAUNCHING PROCEDURES**

### **A. Maintenance**

The launch ramp may not be used to perform maintenance projects on equipment.

### **B. Parking**

Only river equipment vehicles may park on the launch ramp, and only while unloading equipment, passengers, or performing other necessary work. The Concessioner must turn off engines when unloading to conserve energy and protect air quality. Upon unloading, the Concessioner must immediately remove vehicles from the launch ramp and may park them in one of the provided parking areas. The Concessioner must park all other vehicles in the paved parking stalls or dirt lot adjacent to the launch ramp. No overnight parking is allowed on the ramp or in any area at the launch ramp (including both the paved and dirt parking areas). All overnight and long-term parking must be in the 14-day parking area ¼ mile south of the launch ramp.

**C. Cooking**

No meal preparation or table setup is allowed on the launch ramp.

**D. Overnight Camping**

Concessioner crewmembers may sleep on their boats. However, no sleeping/camping is allowed on the launch ramp, in parking areas adjacent to the launch ramp, in ramp restrooms, or at other areas upstream of the USGS cable. Crewmembers not sleeping on the boats must move to the river runner camping area downstream of the USGS cable. Sleeping/camping is not permitted in the area adjacent to the dumpster near the bulletin boards.

**E. Launching**

When rigging and launching boats, the Concessioner must use the dirt launch ramp area whenever possible. If using the paved launch ramp, the Concessioner must not block access to it or park in front of or on it any longer than necessary. The Concessioner must move its vehicle or trailer off the launch ramp immediately after launching.

**F. Pre-rigging**

The Concessioner must move boats that are rigged 24 hours or more prior to their launch date off the ramp and moor them away from the launch ramp. Pre-rigged boats must not be moored more than four days without prior approval.

**G. Morning Rigging**

Rigging between the hours of 8:00 a.m. and 10:30 a.m. is reserved for trips leaving that day only. Use of audio devices (radios, tape players, etc.) is prohibited on the ramp during those times, due to congestion.

**XIII. TAKE-OUT AND POWER BOAT SERVICES****A. Take-outs**

At the termination of a river trip (other than at Diamond Creek), all commercial operators are restricted to the use of the Pearce Ferry, South Cove, or Temple Bar locations within Lake Mead National Recreation Area. Within the Pearce Ferry, South Cove, and Temple Bar locations, the Concessioner may use only those portions identified for the purpose of unloading or de-rigging vessels for this purpose. The Concessioner must not use public launch ramps or their approaches for the purpose of de-rigging vessels and/or parking vehicles.

**B. Power Boat Services**

1. Pursuant to the Contract, the Concessioner may transport clients via power boat services for take-out from Separation Canyon to Pearce Ferry, South Cove, or Temple Bar. Only those power boat client transfer services authorized by Grand Canyon National Park and Lake Mead National Recreational Area may be utilized by the Concessioner. Power boats picking up clients may make no more than four upruns per day during peak season and one per day during non-peak season.
2. Take-out boat operators must have valid U.S. Coast Guard licenses. Power boats must meet the requirements of and be inspected by the U.S. Coast Guard. Other state and federal regulations pertaining to boat equipment and operations must be followed.

#### **XIV. BACKCOUNTRY/OFF-RIVER CAMPING AND DAY USE ACTIVITY ON ADJACENT LANDS**

Backcountry Permits are required for off-river camping in all areas of Grand Canyon National Park. Currently applicable backcountry reservation fees are required in connection with backcountry off-river camping. Backcountry permits may be obtained from the Permits Office by mail or in person. Telephone requests are not accepted. All requests for overnight off-river camping should be sent to the Permits Office, Grand Canyon National Park, P.O. Box 129, Grand Canyon, Arizona 86023.

The Concessioner must not use off-river camping to reduce user-day totals.

Navajo Nation lands begin one-quarter mile east of the historic high water line on the left bank of the river at Lees Ferry (River Mile 0) and extend to the confluence of the Little Colorado River in Grand Canyon National Park. Use of these lands is by permit only, obtained through the Navajo Nation, Navajo Nation Parks and Recreation Department, Cameron Tribal Office, P.O. Box 459, Cameron, Arizona 86020. The website is [www.navajo.org](http://www.navajo.org). Concessioners are responsible for paying the appropriate fees to the Navajo Nation.

Hualapai Tribal lands begin on the left (south) side of the canyon above the historic high water line at River Mile 165 and extend to River Mile 273. Any use of those lands must be approved in advance in writing by the Hualapai Tribe, P.O. Box 246, Peach Springs, Arizona 86434. Concessioners are responsible for paying the appropriate fees to the Hualapai Indian Tribe.

For reservations at Havasu Campground, contact the Havasupai Indian Tribe at (928) 448-2121. The website is: Havasupai: [www.havasupaitribe.com](http://www.havasupaitribe.com) A fee is charged for each person entering or crossing the Havasupai Indian Reservation, payable at the time of entry (above Beaver Falls). An additional charge is made for each night of camping within the reservation. Concessioners are responsible for paying the appropriate fees to the Havasupai Indian Tribe.

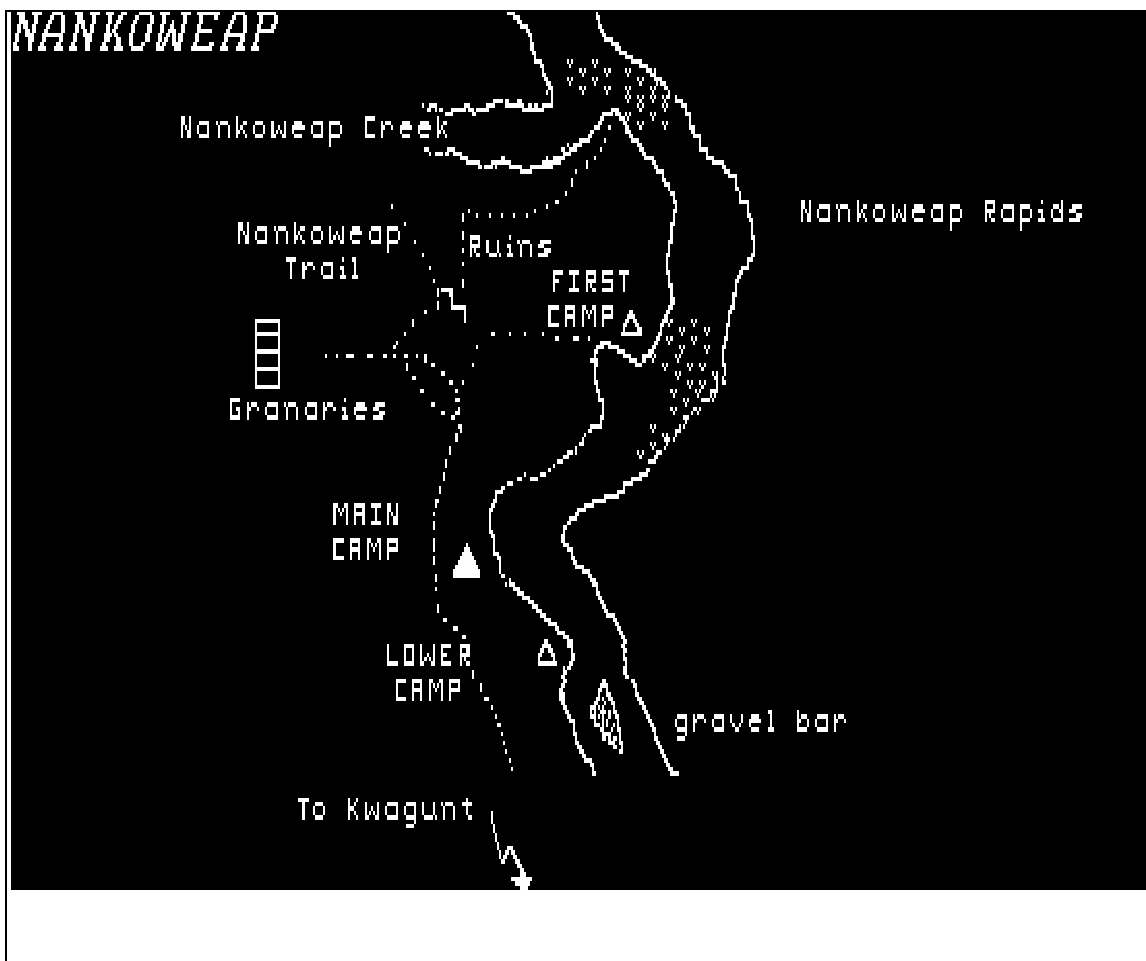
**SUPPLEMENT A****ORIENTATION TALKS**

The Concessioner must conduct orientation talks. An orientation talk discussing on water safety, personal flotation devices (PFDs), and rescue must be conducted prior to launching. Other orientation issues (toilet use, hiking, resource protection, etc.) may take place after launching but prior to the first night's camp. This information shall be periodically verified through the operational evaluation program or spot checks by Service staff. To ensure the Concessioner covers the points stressed by the National Park Service, an outline of the items that must be covered includes:

- A. The Concessioner must inform passengers that they will be traveling throughout their trip in Grand Canyon National Park, and all natural, historical, and archeological components are not to be disturbed. The feeding of wildlife within the Area is not permitted.
- B. The Concessioner must inform passengers that any disturbance of cultural resources is prohibited by law.
- C. The Concessioner must show clients where they obtain purified drinking water (potable water) and explain to passengers that only potable water shall be consumed. They must explain that potable water is water that is 1) hauled from a public water system, 2) boiled, or 3) filtered and disinfected. Guides must explain to passengers that they must not drink water directly from the river. Additionally the Concessioner must emphasize the importance of drinking volumes of water while on the river to stay hydrated.
- D. The Concessioner must inform clients that PFDs must be worn at all times while on the river and kept properly fastened and adjusted to fit. The Concessioner must give a demonstration of how to fasten and adjust the PFD and what to do if a passenger or guide ends up in the river.
- E. Chemical toilets or other means of containerizing human waste must be provided for passengers and must be used while they are in camp. The Concessioner must explain clearly reasons for this rule. The Concessioner must make available a washable, reusable toilet during the day. The Concessioner must also inform passengers of the proper means of disposing of human waste while not in camp. When in the main corridor of the Colorado River, urinate directly into the river, at least 100 feet away from its confluence with any side stream. The Concessioner must encourage passengers to urinate in the river or use toilet facilities prior to embarking on an off-river hike.  
  
At off-river locations, i.e., in side canyons, go "high and far," 100 feet from trails, campsites, and water sources, to avoid the accumulation of human waste. If human waste is not carried out, it should be buried in shallow "catholes" and toilet paper must be carried out.
- F. All trip participants must use soap in the main stream of the Colorado River only. Solar showers may be used only in the water or on wet sand along the main stream of the Colorado River.
- G. The Concessioner must advise passengers to stay on trails at scenic stops, caution them about trail surfaces and footwear, and advise them that a guide is required to lead the way to these areas. The Concessioner must inform passengers how to minimize impacts to vegetation and soils when at off-river locations.
- H. If fires are to be used during winter trips, the Concessioner must inform passengers that driftwood fires are allowed from October 1 through April 30, and that cutting or gathering of wood from standing or fallen tress, dead or alive, is prohibited.

**SUPPLEMENT B****NANKOWEAP SPECIAL USE AREA**

Because of impacts of multiple trailing, campsite competition, and congestion in the Nankoweap area, the following special camping regulations are in effect. Camping for river runners in the Nankoweap Delta area, Mile 52.0 to Mile 53.0, right bank, is restricted to the three river camps identified on the map as First Camp, Main Camp, and Lower Camp. The First Camp is located in a large cove behind a gravel bar, approximately ½ mile downstream from the confluence with Nankoweap Creek. The camp is visible on the right from the tail waves of Nankoweap Rapid. The Main Camp is also visible several hundred yards downstream. The Lower Camp is a small, boulder-covered sand bar forming a point of land 100 yards downstream and around a corner from Main Camp. Each camp has a capacity of 1 river party only. River parties wishing to hike must disembark at any one of the three camp locations or at the mouth of Nankoweap Creek (Hiker's Camp) only. This requirement is due to past problems of multiple trailing. Groups camping early or on layovers should expect other groups to pull in for hikes.



**SUPPLEMENT C****HELICOPTER EVACUATIONS**

**A. Justification.** Helicopter evacuations are available only for medical emergencies.

**B. Request Procedures**

1. **Only the National Park Service makes arrangements for helicopter evacuations.**
2. Requests for evacuation can be made by contacting the National Park Service directly (river patrols, Lees Ferry, Phantom Ranch) or through emergency communications (satellite telephone, ground-to-air radio, or mirror flashes). Callers must contact Park Dispatch at (928) 638-7911 prior to contacting the Concessioner's headquarters.
3. When contacting aircraft by radio, be sure to provide accurate and concise information, since the message may be relayed several times before it reaches the Grand Canyon Dispatch. Provide information in the following order, using the emphasized phrases:
  - a. Give your location. State that you are a river trip requesting helicopter evacuation at RIVER MILE in the Grand Canyon National Park.
  - b. Specify a CRITICAL or STABLE patient. This shall allow EMS personnel to determine priorities in the event of simultaneous requests for medical responses or bad weather.
  - c. State whether the problem is a TRAUMA or a MEDICAL.
  - d. State whether it is a COMMERCIAL river trip, a PRIVATE river trip, or a HIKER who is in need of assistance.
  - e. If there is time, ask the pilot to repeat the message so that you know he understands your situation.
4. Satellite telephones are the most reliable method of obtaining assistance. However, a mirror flash is often the most reliable method of contacting aircraft, so be sure you understand how to use the mirror as a signaling device. Remember that the mirror flash presents problems in that no patient assessment information is relayed and your location is not certain to be reported correctly.

**C. Landing Zone Selection and Preparation**

1. Select a level area approximately 15 feet by 15 feet. Be sure it is clear of obstacles such as trees and large rocks for a diameter of 75 feet. Such areas are virtually non-existent in some stretches of river (i.e., below Crystal to Bass, Olo to Havasu, etc.). Unless such travel poses serious problems for the patient, transport by boat to a safe landing zone shall generally provide a faster and safer evacuation.
2. Set up an X with the orange signal panels. Do not locate the panels directly on the landing zone. Remove the panels once the pilot locates your position in the event he selects that site for landing. This will assist the pilot in determining your party from others in the vicinity.

3. Prepare your group and camp for the evacuation. It is extremely important that everyone be gathered together at least 100 feet away from the landing zone and in full view of the pilot. Be certain that no loose items are in the landing zone, since the down-wash will lift and toss articles, possibly into the rotor or into your group. Secure loose equipment in the camp (sleeping bags, ground cloths, tables, personal life preservers, tents, etc.) in the event the pilot must pass over the area.
4. Wet down as much of the landing area as possible just prior to the helicopter's arrival. This helps the pilot's visibility, decreases the amount of sand blown into eyes, boats, and food, and reduces damage to the helicopter's surface and engine.
5. The pilot's awareness of wind direction is critical for safe landings. The helicopter must fly directly into the wind when landing and taking off. Do not locate your group in the flight path. You can assist the pilot by indicating wind direction. The easiest method is to simply toss a handful of sand directly upward. The pilot can then observe the direction of drift. Another method is to stand with your back into wind and extend both arms forward pointing in the direction the wind is blowing.
6. Never approach the helicopter unless directed to do so by the pilot or crew. Never approach from the rear of the helicopter. Keep your group together and in one location. When directed to do so, approach the helicopter in full view of the pilot. Walk in a crouched position to avoid being struck in the head by the helicopter rotor blades.

#### **D. Radio Frequencies for Aircraft (listed in priority order)**

1. Grand Canyon Sectors (daytime)

East	120.050 Mhz	Lees Ferry to Havasu/Kanab Creek Area
Central	127.050 Mhz	Havasut/Kanab Creek Area to Diamond Creek
West	121.950 Mhz	Diamond Creek to Pearce Ferry

2. Commercial Air Traffic

Los Angeles Center	135.250 Mhz	Day or Night
	124.200 Mhz	Day or Night
	124.850 Mhz	Day or Night
Denver Center	127.550 Mhz	Day or Night
	128.125 Mhz	Day or Night
	132.875 Mhz	Day or Night
Albuquerque Center	128.450 Mhz	Day or Night
	135.325 Mhz	Day or Night
	124.500 Mhz	Day or Night

3. Emergency

Emergency	121.50 Mhz	Day or Night
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**SUPPLEMENT D****SUGGESTED FIRST AID ITEMS**

Items must be neatly stored in an easily located and identifiable waterproof container. All items must be in good serviceable condition, including being within date. A first aid kit inventory list must be taped to the inside lid of the container with a Red Cross First Aid Manual or equivalent. The following items are highly recommended for inclusion in the first aid kit.

**Injury Stabilization**

Antibacterial soap (Phisoderm, tincture of zephesis, Hibiclens)	8 to 12 ounces	Antiseptic for wounds
Moleskin	1 package	For blisters
Betadine	1 bottle	For cleaning wounds
Band-Aid's	36 (1-inch)	For lacerations
Anti-bacterial ointment (Bacitracin, etc.)	2 tubes	For lacerations and wounds
Butterfly Band-Aid's (or know how to make)	18 (various sizes)	For closing lacerations
Carlisle (trauma dressing) or substitute (such as Kotex)	3 (4-inch)	For large bleeding wounds
Elastic bandage	2 (3-inch)	For sprains and securing rigid splints
Steri-pad gauze pads	18 (4" x 4")	For large wounds
Steri-pad gauze pads	18 (2" x 2")	For small wounds
Waterproof adhesive tape	2 (2-inch rolls)	For sprains, securing dressings, etc.
Triangular bandage or Muslin pieces	4 (40-inch)	For securing rigid splints, slinging and securing extreme-ties, and protecting dressings from contamination
Roller gauze	5 rolls (2 inch by 5 yards)	For securing gauze pads, securing splints, and improvising slings
Rigid splint, arm board / Sam Splint	1	For in-line fracture, pressure bandage
Thermometers: 1 oral, 1 rectal (a hypothermia thermometer is recommended)	2	Diagnosing fever or other exposure illnesses such as heatstroke, hypothermia, etc.
Stethoscope	1	Diagnostic tool for EMTs and medical personnel
Blood pressure cuff	1	Diagnostic tool for EMTs and medical personnel
Signal mirror	1	Signaling aircraft in case of emergency
Scissors (EMT type)	1 (medium size)	Cutting tape, dressings, clothes
Razor blade, single	2	For removing hair before taping
Tweezers	1	To remove wood splinters, etc.
Safety pins	10 (various sizes)	Mending and triangular bandage
Q-Tips (cotton swabs)	1 package	Cleaning lacerations, eyes, etc.
Pencil, note pad, and River Incident report	1 each	Documenting injuries and items used in treatment



**Relief of Discomfort**

Pain reliever (aspirin or substitute)	36 tablets (5 grain)	1-2 every 4 hours for headaches, minor pain, and fever
Ibuprofen (Advil or generic)	200 mg tablets	Muscle strains, minor pain, or menstrual cramps
Antacid	18 tablets	For indigestion or heartburn
Antihistamine	18 tablets	1 every 4 hours for insect bites, colds, hives, or rashes
"Gookinaid" or similar electrolyte replacement drink	1 tub minimum	Relieve or prevent muscle cramps and symptoms of heat exhaustion
"Vagisil"	1 tube	Foot fungus
Oil of clove	1 small bottle	Relief of toothache
Calamine lotion or Cortisone cream	1 small bottle	Relief of itching from poison ivy, life preserver rash, or allergies
Solarcaine	1 small bottle	Relief of sunburn pain
Zinc oxide/PABA or other sun block	1 small bottle	Prevent sunburn
Benadryl syrup	1 small bottle	Minor allergic reactions
Mineral oil	1 small bottle	Constipation
Activated Charcoal	1 small bottle	Induce vomiting
Kaopectate	1 small bottle	Diarrhea
Ophthalmic wash and/or eye drops	1 small bottle	Eye wash/irritation
Ear drops	1 small bottle	Clogged/Infected ears
Water purification tablets	1 small bottle	Purify water on side-canyon hikes
Eye pad	2	Injured eye
Tincture of Benzoin	2 small bottles	To hold tape in place and protect skin
Insect repellent	Large can or bottle	Flies, ants, mosquitoes
Glucose tablets or oral glucose tube	1 tube	Diabetic event

**A Note About Hypothermia (Exposure):**

Should someone fall into the river, it is extremely important to get them out of the water as quickly as possible. After five minutes of floating in 50-degree water, muscular strength and coordination rapidly diminish. Generally after 10 to 15 minutes, a person is totally unable to help himself.

**SUPPLEMENT E****ENTRANCE FEES**

Grand Canyon National Park is a designated federal recreation fee area. Fees collected directly benefit Grand Canyon National Park and the National Park Service. Entrance fees are charged at all Park entrances. Visitors traveling by boat on the Colorado River enter Grand Canyon National Park at the Paria Riffle after launching from Lees Ferry launch ramp. Therefore, all passengers must either already possess or purchase a permit. For permit information see web site:

<http://www.nps.gov/grca/pphtml/fees.html>

**ENTRANCE FEE EXEMPTIONS:**

- A. Persons age 16 and younger, including foreign visitors.
- B. Persons conducting official business, including contractors and vendors.
- C. Residents of Grand Canyon National Park.
- D. Members of American Indian tribes within Utah, Arizona, and New Mexico.

**EDUCATIONAL FEE WAIVERS:**

Educational institutions may charter trips with the Concessioner. If the educational institution meets all of the criteria for an educational fee waiver, the cost of the trip can be included in other tuition charges, and there is no entrance fee for the clients. Educational trips must meet the following criteria and provide the following documentation to the Service four to six weeks in advance of the trip to be considered for an educational fee waiver.

- A. The purpose of the trip must be educational.
- B. Provide a course curriculum outlining the educational activities and subjects for each day of the trip.
- C. Provide proof of official recognition as an educational or scientific institution by a federal, state, or local governmental entity.
- D. Participants must receive credit for the educational experience.
- E. The trip must relate to the resources of Grand Canyon National Park.

Contact the Fee Management Office at (928) 638-7850 for a fee waiver application. Information can be faxed to the Fee Management Office at (928) 638-7849 or mailed to Fee Management Office, Grand Canyon National Park, P.O. Box 129, Grand Canyon, Arizona 86023.

Groups arriving without approved fee waivers will be charged entrance fees as outlined above.

**SUPPLEMENT F****MEADVIEW SCAT MACHINE**

A human waste disposal facility is available at Meadview, Arizona. This facility is located at the intersection of Pearce Ferry Road and Hualapai Creek Road. This facility includes machinery for disposing of waste and sanitizing containers. Human waste disposal at other than the Meadview site must occur at an acceptable facility such as a RV dump station, sewage treatment plant, or a service offering cleaning of septic tanks and systems. However, disposal may not occur at the Lees Ferry RV dump station.

A. Toilet systems must be designed in such a fashion as to provide for secure containment and adequate volume storage. Waste must be deposited directly into the washable reusable container; no disposable liners of any sort are permitted. The container must be of value so the container of waste must not be improperly discarded; therefore, the use of plastic buckets, paint pails, etc., is prohibited.

B. SCAT Machine Information

1. The SCAT Machine is a self-service system that provides for the dumping and sanitizing of toilet boxes, as well as RV holding tanks. This machine empties waste from the toilet system and rinse the interior and exterior surfaces of the container.
2. The SCAT Machine accommodates a 20-mm ammo can and other containers that are at least 12 inches high with a central opening of 8½ inches and have been used for feces, urine, and toilet paper only. Other non-flushable materials, such as fire pan ash, hygiene products, adult diapers, trash, and garbage, must be transported and disposed at other disposal sites.
3. Use two cam straps to strap the container to the door of the machine.
4. The SCAT Machine utilizes a sequential series of valve openings and closings. In order for the machine to function to its full potential, carefully read and follow the instructions provided on the SCAT Machine control panel each time you use it. Please do not assume knowledge of how this machine works.
5. Should the SCAT Machine malfunction or be found out of service, contact the following Service personnel during working hours (7:00 a.m. - 6:00 p.m.): Grand Canyon National Park, Meadview Ranger Station at (928) 564-2918; or Lake Mead National Recreation Area, Meadview Ranger Station at (928) 564-4444; or Lake Mead National Recreation Area Dispatch Office at (702) 293-8932.

**SUPPLEMENT G****SUPERINTENDENT'S COMPENDIUM AND APPLICABLE  
CODE OF FEDERAL REGULATIONS****1.5****Superintendent's Compendium.**

The Superintendent may impose public use limits, close all or a portion of a park area to public use, or impose conditions or restrictions on a use or activity:

- Closed to public entry at all times, or prohibited
  - Anasazi Bridge (river mile 43)
  - Hopi Salt Mines (river mile 62)
  - Furnace Flats (river mile 71)
  - Hance Mines (river mile 78)
  - Bass Mine [including the tailings and waste rock areas] (river mile 111)
  - Bat Cave (river mile 266)
  - Rampart Cave (river mile 274.5)
  - Possession and use of personal watercraft (PWC)
  - Water-skiing
- Restricted to day use only
  - Redwall Cavern (river mile 33)
  - Little Colorado River confluence (river left - mile 60 to 65)
  - Black Bridge to Pipe Creek (river mile 87 to 89)
  - Matkatamiba Canyon below the Redwall formation
  - Shinumo Creek (river mile 109)
  - Elves Chasm (river mile 116.5)
  - Deer Creek confluence [1/2 mile upstream or downstream on the north side of the river] (river mile 136)
  - Columbine Falls [within 200 yards of the bay] (river mile 274.3)
- Permit required for all access or use
  - All limestone caves in the Redwall formation
  - All river trips on the Colorado River
  - The scattering of human ashes / remains
- Conditions for public use
  - Fires are permitted along the Colorado River only when fully contained within an elevated fire pan with a minimum depth of 3"
  - All ash remains of charcoal, wood, or other fire residue must be carried out of the river corridor.
  - All river users must carry a washable reusable toilet system and remove solid waste from the river corridor.
  - All camping along the river corridor must be conducted within 100 yards of the water line
  - All users, hikers and rafters, within 100 yards of the Colorado River, without access to sanitary facilities, must urinate directly into the river
  - No vessel may travel primarily upstream above Separation Canyon
  - Cremation river camp is reserved for groups with participant exchanges from April 15 through October 15

**2.1****Natural, cultural and archeological resources.**

Possessing, destroying, injuring, defacing, removing, digging, or disturbing from its natural state:

- Living or dead wildlife or fish
- Plants or the parts thereof
- Nonfossilized and fossilized paleontological specimens
- Cultural or archeological resources
- Mineral resources
- Caves, including tossing rocks or items into caves

In addition, the following activities are prohibited:

- Walking on, climbing, entering, ascending, descending, or traversing an archaeological resource

- Possessing, destroying, injuring, defacing, removing, digging, or disturbing an archeological resource

**2.2 Applicable Regulations Protecting Cultural Resources.**

- The National Park Service Organic Act 16 U.S.C. 1
- The National Historic Preservation Act (36 CFR 800)
- The Archeological Resources Protection Act (43 CFR 7)
- Executive Order 13007
- The Native American Graves Protection and Repatriation Act (43 CFR 10)

**2.3 Fishing.**

In accordance with applicable state laws

**2.4 Weapons.**

Possession of a weapon, trap, or net (weapon is defined as a firearm, including air and gas powered, bow & arrow, blowgun, spear, explosive device, or any other implement designed to discharge missiles)

**2.14 Refuse.**

- Disposal in any method / area other than those designated
- Human waste within 100 feet of a side stream or within sight of a trail

**2.22 Property.**

- Leaving property unattended for longer than 24 hours
- Failing to turn in found property

**2.38 Explosives.**

Possession or use of fireworks

**3.1 Applicable regulations.**

- Title 14 United States Code
- Title 33 Code of Federal Regulations – Navigation
- Title 46 Code of Federal Regulations – Shipping
- Title 49 Code of Federal Regulations – Transportation

**3.4 Boating accidents.**

Report within 24 hours

**3.5 Inspections.**

Authorized persons may at any time stop or board a vessel

**3.6 Operating.**

- Operating a vessel, or knowingly allow another to operate, in a reckless or negligent manner, or in a manner likely to endanger a person
- Allowing a person to ride on the gunwales, transom, or decking over the bow of a vessel propelled by machinery

**3.21 Swimming.**

"Swimming" from motorized vessels that are underway

**7.4 Grand Canyon Special Regulations.**

- PFD's must be worn by every person while on the river or while lining or portaging near rough water
- One extra PFD is required for each 10 persons (excluding canoes, kayaks, and sport-yaks)

- No person shall conduct, lead, or guide a river trip without a permit
- A trip is commercial if any fee, charge or other compensation is collected for conducting, leading, guiding, or outfitting a river trip. A river trip is not commercial if there is a "bona fide" sharing of actual expenses
- All human waste will be taken out of the Canyon and deposited in established receptacles or disposed of through approved means.
- No dogs, cats, or other pets (Note: assistance dogs for physically challenged individuals may be allowed through approval with the Chief Rangers Office)
- Swimming and bathing are permitted except in locations immediately above rapids, eddies, and riffles or near rough water
- No camping at:
  - Redwall Cavern
  - Elves Chasm
  - Havasu Creek
  - Between the mouth of the Paria and Navajo Bridge

**33 CFR Navigation**

- Operator / crew intoxication
  - .04 BAC defined as intoxicated for commercial crew members (95.020)
  - May not perform duties within 4 four hours of consuming alcohol (95.045)
- Personal flotation devices
  - Definition of serviceable and proper sizing (175.21 / 175.23)
  - Type IV throwable device required for vessels more than 16' long (175.15)
  - Registration required and properly displayed (173)

**46 CFR Shipping**

- Fire extinguishers required (25.30)
  - Vessels less than 26' = one B-I extinguisher
  - Vessels 26' – 40' = two B-I extinguishers or one B-II
- Personal flotation devices (25.25)
- Serious marine accidents (4.03-2)
  - Death, injuries requiring more than first-aid, incapacitating crew injury, actual or constructive total loss of vessel, discharge of reportable quantities of hazardous materials (**Grand Canyon considers a serious marine accident as occurring on the water and resulting in injuries having the potential for disability, death, or fatalities on scene**).
  - Employer required, & responsible, to take all practical steps to ensure chemical testing for alcohol and drug use following accident (4.06-1)
  - Revocation of license upon refusal to provide specimens (4.06-5)

**49 CFR Transportation**

- 40.29 – Drug testing analysis procedures. Tests will be for:
  - Marijuana metabolites
  - Cocaine metabolites
  - Opiate metabolites
  - Phencyclidine
  - Amphetamines





**USCG  
Inland  
Rules**

- Lighting for motor vessels between 12 and 20 meters (Rule 23, page 45)
- Lighting for motor vessels less than 12 meters (Rule 23, page 49)
- Lighting for oars powered vessels (Rule 23, page 75)
- Sound producing device required (Rule 33, page 112 – 113)

## SUPPLEMENT H

## NAVIGATION MARKERS

The following symbols are utilized in both Grand Canyon National Park and Lake Mead National Recreational Area to aid navigation. During times of low water, it is critical that all users understand and have knowledge of these markers and symbols. The symbols are found on white “can” buoys. Channel markers are red or green “can” buoys to delineate the main channel, just as “daymarks” do on land surfaces.

<p><b>BOATS KEEP OUT</b></p> <p>Orange-bordered diamond symbol with cross on white background.</p> <p>Explanations may be placed outside the crossed diamond shape such as Dam, Rapids, Swim Area.</p>	<p><b>DANGER</b></p> <p>Orange-bordered diamond symbol on white background.</p> <p>The nature of danger may be indicated by words inside the diamond shape, such as Shoal, Reef, Wreck, Dam.</p>
<p><b>CONTROLLED AREA</b></p> <p>Orange-bordered circle on white background for regulating water use activity.</p> <p>Type of control is indicated within the circle, such as No Anchoring, 5 m.p.h.</p>	<p>Orange-bordered square or rectangle on white background.</p> <p><b>INFORMATION</b></p> <p>For displaying official information such as directions, distances, locations.</p>
<p><b>FLAG IS RED WITH WHITE STRIPE</b></p>  <p>The diver's flag.</p>	<p><b>WHITE BUOY WITH BLUE STRIP</b></p>  <p>A mooring buoy</p>
<p><b>DAYMARK</b></p> <p>Green day shape, green flashing light at night.</p> <p>Marks the left side of the channel. Odd numbered.</p>	<p><b>DAYMARK</b></p> <p>Red day shape, red flashing light at night.</p> <p>Marks the right side of the channel. Even numbered.</p>
<p><b>SPHERICAL - UNLIGHTED</b></p> 	<p><b>WHITE LIGHT MORSE CODE - LIGHTED</b></p>  <p>Mid-channel markers. Red and white striped, lettered.</p>

**SUPPLEMENT I**  
**RIVER TRIP INCIDENT REPORT FORM**  
**Grand Canyon National Park**

This form must be given to the responding Ranger or mailed/faxed to the River District Office within 48 hours of trip completion (Grand Canyon National Park, PO Box 129, Grand Canyon, Arizona 86023; Fax (928) 638-7838)

Company: \_\_\_\_\_ Trip leader: \_\_\_\_\_

Incident Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Time: \_\_\_\_\_ Location: \_\_\_\_\_

Nature of the Incident: \_\_\_\_\_

Incident Occurred: Ashore (Hiking \_\_\_\_\_ In Camp \_\_\_\_\_) On Water \_\_\_\_\_ Swimming \_\_\_\_\_

Involved Persons      Home Address      Home Phone      Sex      Age/DOB      Pass/Crew

#1 \_\_\_\_\_

#2 \_\_\_\_\_

#3 \_\_\_\_\_

If on the Water – Estimated Flow \_\_\_\_\_ CFS

Vessel Information

Position in Boat

PFD On/Off

Type of Boat: \_\_\_\_\_

#1 \_\_\_\_\_

Length: \_\_\_\_\_

#2 \_\_\_\_\_

Engine HP: \_\_\_\_\_

#3 \_\_\_\_\_

Registration # \_\_\_\_\_

Description (How did the incident occur?): \_\_\_\_\_

First Aid Provided: \_\_\_\_\_

Medication Given (Dose & Time): \_\_\_\_\_ Victim Allergies: \_\_\_\_\_

Medical Provider on Scene: \_\_\_\_\_

Name: \_\_\_\_\_ EMS Level/Physician ID: \_\_\_\_\_

Home City/State: \_\_\_\_\_ Telephone # \_\_\_\_\_

Victim Evacuated from Canyon (When, Where, How, # of people): \_\_\_\_\_



## **SUPPLEMENT J**

### **RIVER TRIP GASTROINTESTINAL ILLNESS REPORTING INSTRUCTIONS**

The trip leader must complete a Confidential River Trip Illness Report Form (Form) (Supplement K) for each person who becomes ill with a gastrointestinal illness (GI) on a trip.

If one or two people (clients or crew) experience any gastrointestinal illness during a trip, the Form must be completed at the time of illness for each person who becomes ill. The trip leader must give the Form to the Concessioner at the end of the trip. The Concessioner must send the Form to Grand Canyon National Park Dispatch (P.O. Box 129, Grand Canyon, Arizona 86023), and must notify Dispatch by phone (928) 638-7805 that a gastrointestinal illness has occurred. Dispatch is open 24 hours per day, 7 days per week, including holidays.

If three or more persons (clients or crew) experience any gastrointestinal illness during a trip, the trip leader must do the following:

1. Complete a Form at the time of illness for each person who becomes ill.
2. Notify the Concessioner as soon as possible using a SAT phone, giving all pertinent information on the gastrointestinal illnesses. The Concessioner must contact Dispatch by phone immediately to relay all available information.
3. If a SAT phone is not immediately available, then do one of the following:
  - a. Use another trip's SAT phone.
  - b. Report to a National Park Service patrol trip.
  - c. Use any other phone, such as one at Phantom Ranch.
  - d. If operational, use a radio if no phones are available.
  - e. Use every effort to report the gastrointestinal illnesses within 24 hours of onset.
4. At the end of the trip, submit all Forms to the Concessioner. The Concessioner must report by phone to Dispatch that the trip has ended, and must forward the Forms to Dispatch.

If the Concessioner receives information from a client or crew member that a gastrointestinal illness occurred following a trip that they suspect was related to the trip, the Concessioner must fill out a Form. The Concessioner must inform Dispatch of the gastrointestinal illness by phone, and must send the Form to Dispatch.

The Concessioner must maintain a separate file containing copies of all Forms. The Service will not disclose the Form unless required by law.

**SUPPLEMENT K****CONFIDENTIAL RIVER TRIP GASTROINTESTINAL ILLNESS REPORT FORM**

Name\_\_\_\_\_ Age\_\_\_\_\_years Date of illness onset\_\_\_\_/\_\_\_\_/\_\_\_\_ PARK USE ONLY  
 Address\_\_\_\_\_ Male \_\_\_Female Time of illness onset\_\_\_\_:\_\_\_\_ AM\_\_\_PM\_\_\_ Trip ID\_\_\_\_\_  
 \_\_\_\_\_ Individual ID\_\_\_\_\_  
 Phone\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_ Passenger \_\_\_Staff Location of illness onset – River Mile\_\_\_\_\_ CO. ID\_\_\_\_\_

**WHICH OF THE FOLLOWING SYMPTOMS DID THE INDIVIDUAL EXPERIENCE?**

Y	N		Y	N	
___	___	Nausea	___	___	Fever
___	___	Vomiting	___	___	...if YES, was temperature taken? _____°F
		...if YES, check the approximate number of vomiting episodes per day (at maximum):	___	___	Sweats/Chills
		___ 1-2 ___ 3-5 ___ 6 or more	___	___	Abdominal pain or cramps
___	___	Diarrhea (loose or unformed bowel movement)	___	___	Severe weakness
		...if YES, diarrhea lasted _____ days	___	___	Headache
		...if YES, check approximate number of diarrhea stools per day (maximum)	___	___	Backache
		___ 1-2 ___ 3-5 ___ 6 or more	___	___	Muscle aches
___	___	...if YES, was there blood in the stool?	___	___	Other (specify)_____
___	___	Did the symptoms resolve by the end of the individual's river trip?			_____
		...if YES, date recovered by____/____/____			_____
___	___	Does this individual have any chronic medical conditions that could mimic the symptoms experienced while on the river (e.g., irritable bowel syndrome, inflammatory bowel disease, stomach ulcers, etc.)?			
___	___	Has the individual had any contact with anyone who had similar symptoms within two weeks prior to the trip?			
___	___	Does the individual attribute alcohol ingestion or other conditions as a likely explanation for his/her symptoms?			
___	___	Did the individual take any medications for illness (e.g., antibiotics, anti-diarrheal medications, etc.)?			

TRIP START DATE\_\_\_\_/\_\_\_\_/\_\_\_\_  
 \_\_\_ Lees Ferry [1]  
 \_\_\_ Phantom Ranch [2]  
 \_\_\_ Whitmore Helipad [3]  
 \_\_\_ Diamond Creek [4]

TRIP ENDPOINT DATE\_\_\_\_/\_\_\_\_/\_\_\_\_  
 \_\_\_ Phantom Ranch [2]  
 \_\_\_ Whitmore Helipad [3]  
 \_\_\_ Diamond Creek [4]  
 \_\_\_ Pearce Ferry/South Cove [5]  
 \_\_\_ Other (River Mile\_\_\_\_) [6]

CONCESSIONER\_\_\_\_\_

FORM COMPLETED BY\_\_\_\_\_

\* Do not release except as required by law.